

**facsimile**  
TRANSMITTALRECEIVED  
CENTRAL FAX CENTER

JAN 28 2005

Date: January 28, 2005  
No. of Pages: 7 (including this cover sheet)  
Fax No.: (703) 872-9306

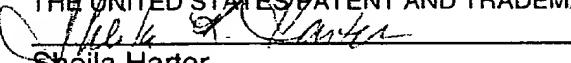
**PLEASE DELIVER THE FOLLOWING PAGES IMMEDIATELY TO:**

Name: Commissioner of Patents  
Art Unit: 2633  
Examiner: David Payne  
Phone: (571) 272-3024  
From: Colin Dorrian  
Reg No. 54,658  
Re: Application No. 09/784,419; Filed February 15, 2001  
Entitled LINEAR FULL-RATE PHASE DETECTOR AND CLOCK AND  
DATA RECOVERY CIRCUIT  
File: 50987/CTD/B600

---

Responsive to your request, enclosed is a copy of Applicants' Response to Missing Parts filed April 26, 2001, which includes the executed Declaration. We have omitted the revised drawings. Please contact me if you have any other questions (626) 683-4558.

I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE ON January 28, 2005.

  
Sheila Harter

\*Correspondence: Response to Missing Parts filed April 26, 2001

For Office Services Use Only  
Return Fax to Sheila Harter

Christie, Parker & Hale, LLP  
350 West Colorado Boulevard  
Post Office Box 7068  
Pasadena, CA 91109-7068  
626-795-9900  
Fax: 626-577-8800

---

**confidential**

The information in this transmission is confidential and is intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please notify us immediately by telephone collect, and return the original message to us at the above address via U.S. mail. We will reimburse you for postage. Thank you.

## UNITED STATES PATENT AND TRADEMARK OFFICE

Mailing Date: April 26, 2001  
 File No.: 019717-001210US Attorney JMZ/djb  
 Serial No.: 09/784,419 Filed: February 15, 2001  
 Inventor(s): Jun Cao  
 Title: LINEAR FULL-RATE PHASE DETECTOR AND CLOCK AND DATA RECOVERY CIRCUIT

1. Fee Transmittal (1 page submitted in duplicate);
2. Transmittal Form (1 page);
3. Copy of Notice to File Missing Parts of Nonprovisional Appln (2 pages);
4. Executed Declaration (1 page);
5. Corrected informal drawings (11 pages); and
6. Return Postcard

Please stamp the date of receipt of the enclosed documents and return this card to addressee

PA 3141452 v1

MAY 09 2001



## UNITED STATES PATENT AND TRADEMARK OFFICE

Mailing Date: April 26, 2001  
 File No.: 019717-001210US Attorney JMZ/djb  
 Serial No.: 09/784,419 Filed: February 15, 2001  
 Inventor(s): Jun Cao  
 Title: LINEAR FULL-RATE PHASE DETECTOR AND CLOCK AND DATA RECOVERY CIRCUIT

1. Fee Transmittal (1 page submitted in duplicate);
2. Transmittal Form (1 page);
3. Copy of Notice to File Missing Parts of Nonprovisional Appln (2 pages);
4. Executed Declaration (1 page);
5. Corrected informal drawings (11 pages); and
6. Return Postcard

Please stamp the date of receipt of the enclosed documents and return this card to addressee

PA 3141452 v1

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 130

Complete if Known	
Application Number	09/784,419
Filing Date	February 15, 2001
First Named Inventor	Cao, Jun
Examiner Name	Unassigned
Group Art Unit	2816
Attorney Docket No.	19717001210

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																			
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <b>20-1430</b></p> <p>Deposit Account Name <b>Townsend and Townsend and Crew LLP</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p><b>3. ADDITIONAL FEES</b></p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td><td>130</td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td><td></td></tr> <tr><td>118</td><td>390</td><td>216</td><td>195 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>445 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>695 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>945 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to Institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220 Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50 Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>248</td><td>355 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>355 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify)</td><td></td></tr> <tr> <td colspan="4">The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.</td><td></td></tr> <tr> <td colspan="4">* Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3) (\$130)</td></tr> </tbody> </table>				Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65 Surcharge - late filing fee or oath	130	127	50	227	25 Surcharge - late provisional filing fee or cover sheet		139	130	139	130 Non-English specification		147	2,520	147	2,520 For filing a request for reexamination		112	920*	112	920* Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840* Requesting publication of SIR after Examiner action		115	110	215	55 Extension for reply within first month		118	390	216	195 Extension for reply within second month		117	890	217	445 Extension for reply within third month		118	1,390	218	695 Extension for reply within fourth month		128	1,890	228	945 Extension for reply within fifth month		119	310	219	155 Notice of Appeal		120	310	220	155 Filing a brief in support of an appeal		121	270	221	135 Request for oral hearing		138	1,510	138	1,510 Petition to Institute a public use proceeding		140	110	240	55 Petition to revive - unavoidable		141	1,240	241	620 Petition to revive - unintentional		142	1,240	242	620 Utility issue fee (or reissue)		143	440	243	220 Design issue fee		144	600	244	300 Plant issue fee		122	130	122	130 Petitions to the Commissioner		123	50	123	50 Petitions related to provisional applications		126	180	126	180 Submission of Information Disclosure Statement		581	40	581	40 Recording each patent assignment per property (times number of properties)		146	710	248	355 Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355 Request for Continued Examination (RCE)		169	900	169	900 Request for expedited examination of a design application		Other fee (specify)					The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.					* Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$130)
Large Entity Fee Code (\$)	Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																			
105	130	205	65 Surcharge - late filing fee or oath	130																																																																																																																																																																			
127	50	227	25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																				
139	130	139	130 Non-English specification																																																																																																																																																																				
147	2,520	147	2,520 For filing a request for reexamination																																																																																																																																																																				
112	920*	112	920* Requesting publication of SIR prior to Examiner action																																																																																																																																																																				
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action																																																																																																																																																																				
115	110	215	55 Extension for reply within first month																																																																																																																																																																				
118	390	216	195 Extension for reply within second month																																																																																																																																																																				
117	890	217	445 Extension for reply within third month																																																																																																																																																																				
118	1,390	218	695 Extension for reply within fourth month																																																																																																																																																																				
128	1,890	228	945 Extension for reply within fifth month																																																																																																																																																																				
119	310	219	155 Notice of Appeal																																																																																																																																																																				
120	310	220	155 Filing a brief in support of an appeal																																																																																																																																																																				
121	270	221	135 Request for oral hearing																																																																																																																																																																				
138	1,510	138	1,510 Petition to Institute a public use proceeding																																																																																																																																																																				
140	110	240	55 Petition to revive - unavoidable																																																																																																																																																																				
141	1,240	241	620 Petition to revive - unintentional																																																																																																																																																																				
142	1,240	242	620 Utility issue fee (or reissue)																																																																																																																																																																				
143	440	243	220 Design issue fee																																																																																																																																																																				
144	600	244	300 Plant issue fee																																																																																																																																																																				
122	130	122	130 Petitions to the Commissioner																																																																																																																																																																				
123	50	123	50 Petitions related to provisional applications																																																																																																																																																																				
126	180	126	180 Submission of Information Disclosure Statement																																																																																																																																																																				
581	40	581	40 Recording each patent assignment per property (times number of properties)																																																																																																																																																																				
146	710	248	355 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																				
149	710	249	355 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																				
179	710	279	355 Request for Continued Examination (RCE)																																																																																																																																																																				
169	900	169	900 Request for expedited examination of a design application																																																																																																																																																																				
Other fee (specify)																																																																																																																																																																							
The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.																																																																																																																																																																							
* Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$130)																																																																																																																																																																			
<p>-** or number previously paid, if greater; For Reissues, see above</p>																																																																																																																																																																							

SUBMITTED BY					
Name (Print/Type)	J. Matthew Zigmant	Registration No. (Attorney/Agent)	44,005	Telephone	650-326-2400
Signature	<i>J. Matthew Zigmant</i>			Date	April 26, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PA 3141450 v1

PTO/SB/21 (08-00)

Please type a plus sign (+) Inside this box → 

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/784,419
Filing Date	February 15, 2001
First Named Inventor	Cao, Jun
Group Art Unit	2816
Examiner Name	Unassigned
Attorney Docket Number	19717001210

## ENCLOSURES (check all that apply)

 Fee Transmittal Form Fee Attached Amendment / Response After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 Assignment Papers (for an Application) Drawing(s) Licensing-related Papers Petition Routing Slip (PTO/SB/69) and Accompanying Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) After Allowance Communication to Group Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below):

copy of Notice to File Missing Parts of NonProvisional Application; Executed Declaration; Return postcard

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name

Townsend and Townsend and Crew LLP

J. Matthew Zigmant

Reg No. 44,005

Signature

Date

April 26, 2001

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:

26 Apr '01

Typed or printed name

DJ Bonenksy

Signature

Date

26 Apr '01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
PA 3141448 v1